



Response under 37 C.F.R. 1.116  
- Expedited Examining Procedure -  
Examining Group 2623

MAIL STOP AE  
81360RLW

Customer No. 01333

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Nathan D. Cahill

POPULATION MIXTURE  
MODELING WITH AN  
INDETERMINATE NUMBER OF  
SUB-POPULATIONS

Serial No. 09/833,377

Filed 12 April 2001

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

Group Art Unit: 2623

Examiner: Kevin Siangchin

I hereby certify that this correspondence is being deposited  
today with the United States Postal Service as first class  
mail in an envelope addressed to Commissioner For  
Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Anita Marie Barker  
Anita Marie Barker

May 12, 2005  
Date

**Response Under 37 CFR 1.116**

In response to the final office action mailed January 12, 2005,  
please amend the above-identified application, without prejudice, as set forth  
below:

**Amendments to the Claims** are reflected in the listing of claims which begins on  
page 2 of this paper.

**Amendments to the Drawings** begin on page 9 of this paper and include an  
attached replacement sheets.

**Remarks/Arguments** begin on page 10 of this paper.

DO NOT ENTER  
WT  
5-30-05

270/AF  
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